



Missouri
Department of
Natural Resources

Dogwood Energy LLC
Electric Generation and Emissions in 2010

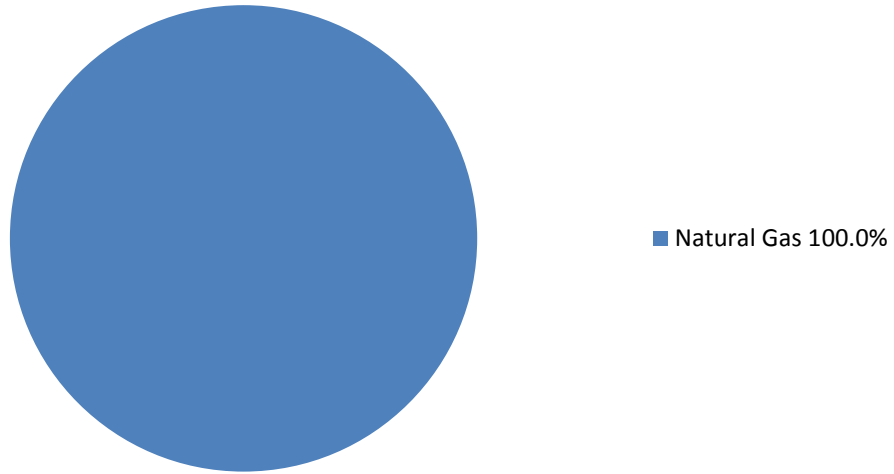
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas	6,871,090	100.0%	100.0%	891,781	100.0%	100.0%
Petroleum						
Nuclear						
Other						
Non-renewable total	6,871,090	100.0%	100.0%	891,781	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	6,871,090		100.0%	891,781		100.0%

Fuel Type	Physical Units	Number of Units
Natural Gas	MCf	6,759,790



Net Generation by Fuel Type, 2010 for Dogwood Energy LLC





Missouri
Department of
Natural Resources

Power Plant Nameplate information for Dogwood Energy LLC

Plant Name	County Location	Nameplate Capacity (MW)
<i>Dogwood Energy LLC</i>		2,708.0
Dogwood Energy Facility	Cass	2,031.0
Dogwood Energy Facility	Cass	677.0



Missouri
Department of
Natural Resources

Emissions from Electricity Generated in 2010: Dogwood Energy LLC

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
<i>Dogwood Energy LLC</i>	<i>3,181,716</i>	<i>1,606,309</i>	<i>30,296</i>	<i>3,030</i>
Dogwood Energy Facility	2,386,287	1,204,732	22,722	2,272
Dogwood Energy Facility	795,429	401,577	7,574	757

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
<i>Dogwood Energy LLC</i>	<i>0</i>	<i>0.0001</i>	<i>0.0001</i>
Dogwood Energy Facility	0	0.0001	0.0001
Dogwood Energy Facility	0	0.0000	0.0000



Missouri
Department of
Natural Resources

Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by
Dogwood Energy LLC

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by Dogwood
Energy LLC

Plant	Control Equipment
	No FGP Controls Installed

Notes:

Generation, emissions and pollution control data include power plants owned by the
utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of
Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information
Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information
Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection
Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>